



Australian Government

CUA40425 Certificate IV in Live Production and Technical Services

CUA40425 Certificate IV in Live Production and Technical Services

Modification History

Release	Comments
1	This qualification was first released in CUA Creative Arts and Culture Training Package Release 7.0.

Qualification Description

This qualification reflects the role of individuals working in a range of technical production jobs in creative arts industry environments. It applies to work in lighting and sound, music industry, entertainment customer service, entertainment technical operations, entertainment administration, staging, wardrobe, scenery and set construction, broadcasting production, live production and entertainment technical operations work environments.

They apply solutions to a defined range of unpredictable problems, and analyse and evaluate information from a variety of sources. They may provide leadership and guidance to others and have limited responsibility for the output of others.

The job roles that relate to this qualification may include Pyrotechnician, Head Fly Operator, Fly Operator, Sound Recordist, Community Theatre Centre Worker, Wardrobe Technician, Costume Maker, Sound Technician, Set Maker, Lighting, Audio and Staging Worker, Assistant Stage Manager, Audiovisual Technician, Community Theatre Production Worker, Front of House Worker, Venue Technician, Lighting Technician and Operator, Props Maker, Model Maker, Scenic Artist, Audio Operator, Video Operator, Workshop Technician, Staging Team Leader, Production Coordinator and Show Control Technician. It also provides a pathway to other roles in similar work environments.

Licensing/Regulatory Information

Licensing, legislative, regulatory or certification considerations

Electrical work

In some States and Territories of Australia a restricted electrical licence is required. Restricted electrical licences allow a person to carry out electrical work incidental to a trade. Incidental work may include fault-finding on equipment or changing like for like equipment by disconnecting and reconnecting the fixed wiring. It does not include any other changes to the fixed wiring.

National Standard for Licensing Persons Performing High Risk Work

The National Standard for Licensing Persons Performing High Risk Work applies to persons performing dogging and rigging work. Completion of the following units is required for certification at either basic, intermediate or advanced levels:

- CPCCLDG3001 Licence to perform dogging
- CPCCLRG3001 Licence to perform rigging basic level
- CPCCLRG3002 Licence to perform rigging intermediate level
- CPCCLRG4001 Licence to perform rigging advanced level.

National Code of Practice for Induction for Construction Work

Sets and staging for some performances or events may fall within the definition of construction work. If so, people entering the construction site are required to complete the general induction training program specified by the National Code of Practice for Induction Training for Construction Work (Australian Safety Compensation Council, May 2007). Achievement of the unit 'CPCWHS1001 Prepare to work safely in the construction industry' from the Construction, Plumbing and Services Training Package fulfils this requirement.

Pyrotechnics

In some States and Territories of Australia a licence is required to allow a person to plan and operate a fireworks display.

Users are advised to check with the relevant licensing authority for requirements.

Units of competency in qualification

Some individual units of competency may have their own licensing, legislative, regulatory or certification requirements. Users must check individual units of competency for licensing, legislative, regulatory or certification requirements relevant to that unit.

Entry Requirements

Individuals must provide evidence of their skills in live production and technical services and the ability to:

- produce a body of work demonstrating the ability to respond effectively to workplace requirements associated with live production and technical services in line with current industry standards
- apply a basic knowledge of trends and traditions in at least one area of technical production.

Skills and knowledge may have been acquired through experience or formal study.

Packaging Rules

Total number of units = 16

4 core units plus

12 elective units, of which:

- 1 must be from Group A
- 9 must be from the electives listed below, with no more than 3 from Group C
- 2 may be from the remaining electives in Group A, B and/or D, or any currently endorsed training package qualification or accredited course.

Elective units must be relevant to the work environment and the qualification, maintain the overall integrity of the AQF alignment, not duplicate the outcome of another unit chosen for the qualification, and contribute to a valid industry-supported vocational outcome.

Where relevant, the choice of elective units set out in the packaging rules above can serve to provide the qualification with one of the following specialisations. The rules to achieve a specialisation are detailed at qualification end.

- Sound
- Vision
- Costume
- Lighting
- Scenery and Props
- Live Production Management
- Stage Management
- Staging

Units of competency that contain pre-requisites are identified with an *

Core units

- BSBCRT413 Collaborate in creative processes
- CUAIND413 Communicate effectively with arts professionals
- CUAMWB401 Develop and implement own self-care plan in the creative industries
- CUAPPM421 Contribute to organising productions

Elective units

Group A – Safety Skills

- CPCWHS1001 Prepare to work safely in the construction industry
- BSBWHS414 Contribute to WHS risk management
- CUAWHS312 Apply work health and safety practices
- CUAWHS313 Apply work health and safety practices in a live production environment

Group B – Technical Skills

- CPCCBC4021 Minimise waste on the building and construction site
- CPCCCM3005 Calculate costs of construction work
- CPCCLRG3002 Licence to perform rigging intermediate level*
- CUAACD412 Experiment with moulding and casting techniques
- CUABRD412 Vision mix productions
- CUACAM411 Shoot different screen content

- CUACOS404 Construct blocks for period costumes
- CUACOS405 Develop expertise in pattern development for costume
- CUACOS411 Make costumes for dance and physical theatre
- CUACOS412 Make costume accessories
- CUACOS413 Develop expertise in costume component construction
- CUAHAZ405 Perform hazardous action sequences
- CUALGT411 Operate complex lighting
- CUALGT412 Implement lighting designs
- CUALGT413 Set up and operate lighting cues and effects
- CUAPOS412 Manage media assets
- CUAPPM422 Organise and facilitate rehearsals
- CUAPPM431 Compile production schedules
- CUAPPM432 Coordinate production operations
- CUAPPM433 Coordinate touring arrangements
- CUAPRP411 Coordinate props
- CUAPRP412 Use casting and moulding techniques to make props
- CUAPRP413 Make props using mixed media
- CUAPRP414 Make prop furniture
- CUAPRP415 Construct mechanical props
- CUAPYR411 Manage health and safety requirements at fireworks displays
- CUAPYR412 Operate outdoor fireworks displays
- CUAPYR413 Plan outdoor fireworks displays
- CUAPYR414 Operate close proximity fireworks displays
- CUAPYR415 Plan close proximity fireworks displays
- CUASCE411 Create special effects for scenic art
- CUASET401 Make sets
- CUASET412 Construct mechanical sets
- CUASFX411 Create special effects items
- CUASFX412 Coordinate the logistics of special effects operations
- CUASMT412 Assist in stage managing rehearsals
- CUASMT413 Develop and implement production work plans
- CUASOU406 Develop and implement sound plans

- CUASOU411 Coordinate sound recording operations on location
- CUASOU412 Manage audio input sources
- CUASOU413 Manage audio system control networks
- CUASOU414 Manage wireless audio operations
- CUASOU415 Record sound
- CUASOU417 Edit sound
- CUASOU418 Edit dialogue
- CUASOU421 Mix audio for live productions
- CUASTA411 Operate show control systems
- CUASTA412 Install and uninstall specialist staging equipment
- CUASTA413 Operate flying systems
- CUASTA414 Undertake arena rigging activities*
- CUAVSS312 Operate vision systems
- CUAVSS401 Operate complex vision systems
- CUAWOO401 Experiment with techniques to produce wood objects
- MSTAT2005 Sew materials by machine
- MSTAT3002 Develop patterns using basic patternmaking principles
- MSTAT3010 Perform garment repairs and alterations
- MSTAT4014 Assemble and fit bespoke garments
- MSTAT4013 Measure, lay up and cut bespoke garments
- MSTAT4008 Create standard-size garment patterns from existing blocks*
- MSTAT4009 Grade 2D patterns
- MSTAT4010 Create garment patterns for individual sizes from blocks*
- MSTGN4025 Use digital design tools
- MSTGN2023 Identify and handle fabrics and textiles
- MSTML4001 Undertake specific millinery construction techniques
- MSTML4002 Rejuvenate millinery
- RIIWHS204E Work safely at heights
- TLIA0003 Complete and check import/export documentation
- UEERL0001 Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply*
- UEERL0003 Conduct in-service safety testing of electrical cord connected equipment and cord assemblies*

- UEECD0007 Apply work health and safety regulations, codes and practices in the workplace

Group C – Transferable Skills

- BSBCMM411 Make presentations
- BSBESB401 Research and develop business plans
- BSBESB402 Establish legal and risk management requirements of new business ventures
- BSBESB403 Plan finances for new business ventures
- BSBHRM413 Support the learning and development of teams and individuals
- BSBLDR414 Lead team effectiveness
- BSBMKG431 Assess marketing opportunities
- BSBOPS402 Coordinate business operational plans
- BSBOPS405 Organise business meetings
- BSBPMG427 Apply project management procedures
- BSBPRC402 Negotiate contracts
- BSBSTR402 Implement continuous improvement
- BSBTWK401 Build and maintain business relationships
- BSBWRT411 Write complex documents
- CHCDIV001 Work with diverse people
- CUAACD411 Integrate colour theory and design processes
- CUAANM313 Create 3D digital models
- CUAANM411 Create advanced 3D digital models*
- CUADES411 Generate design solutions
- CUADES412 Interpret and respond to a design brief
- CUADES413 Develop and extend design skills and practice
- CUADIG415 Produce innovative digital images
- CUAFIM411 Obtain revenue to support operations
- CUAIND411 Extend expertise in specialist creative fields
- CUAIND412 Provide freelance services
- CUAMWB402 Manage feedback on creative practice
- CUAPPR406 Plan work space
- CUAPPR411 Realise a creative project
- CUAPPR415 Develop and discuss ideas for own creative work

- CUARES403 Research history and theory to inform own arts practice
- FNCLUS411 Participate in negotiations
- HLTAID014 Provide advanced first aid
- HLTAID016 Manage first aid services and resources
- MSS014015 Improve sustainability through readily implementable change
- PSPGEN124 Provide workplace coaching
- SITEEV023 Plan in-house events
- SITXCOM010 Manage conflict
- SITXFIN009 Manage finances within a budget
- SITXHRM008 Roster staff
- SITXHRM009 Lead and manage people
- SITXMPR009 Coordinate production of brochures and marketing materials
- SITXMPR012 Coordinate marketing activities
- TAEDEL414 Mentor in the workplace

Group D – General

- BSBCRT412 Articulate, present and debate ideas
- BSBESB301 Investigate business opportunities
- BSBESB302 Develop and present business proposals
- BSBESB303 Organise finances for new business ventures
- BSBESB304 Determine resource requirements for new business ventures
- BSBESB305 Address compliance requirements for new business ventures
- BSBPEF301 Organise personal work priorities
- BSBCRT311 Apply critical thinking skills in a team environment
- BSBSTR401 Promote innovation in team environments
- BSBTEC301 Design and produce business documents
- BSBTEC302 Design and produce spreadsheets
- BSBTEC303 Create electronic presentations
- BSBTWK301 Use inclusive work practices
- CPCCCA2002 Use carpentry tools and equipment*
- CPCCCA2011 Handle carpentry materials*
- CPCCOM1013 Plan and organise work
- CPCCOM1015 Carry out measurements and calculations

- CPCCOM2001 Read and interpret plans and specifications
- CPCCCM3001 Operate elevated work platforms up to 11 metres
- CPCCJN3100 Process materials to produce components using static machines*
- CPCCLDG3001 Licence to perform dogging
- CPCCLRG3001 Licence to perform rigging basic level*
- CPCCLRG4001 Licence to perform rigging advanced level*
- CPCCLSF2001 Licence to erect, alter and dismantle scaffolding basic level
- CPCCPD2012 Use painting and decorating tools and equipment*
- CPCCPD3021 Prepare existing coated surface for painting*
- CPCCPD3023 Apply texture coat paint finishes by brush, roller and spray*
- CPCCPD3024 Apply paint by spray*
- CPCCPD3028 Apply decorative paint finishes*
- CPCCSC2002 Erect and dismantle basic scaffolding*
- CPCCVE1011 Undertake a basic construction project
- CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
- CPPSEC2109 Monitor and control access and exit of persons and vehicles from premises
- CPPSSI3019 Produce basic plans of surveys
- CUAACD311 Produce drawings to communicate ideas
- CUAACD312 Produce computer-aided drawings
- CUAACD313 Produce technical drawings
- CUAACD314 Make scale models
- CUABRT415 Provide technical support during virtual and hybrid events
- CUACMP311 Implement copyright arrangements
- CUACMP511 Manage copyright arrangements
- CUACOS303 Modify, repair and maintain costumes
- CUACOS304 Develop and apply knowledge of costume
- CUACOS311 Apply art finishing
- CUACOS312 Dress performers
- CUACOS315 Maintain costume continuity
- CUADES301 Explore the use of colour
- CUADES302 Explore and apply the creative design process to 2D forms

- CUADES303 Explore and apply the creative design process to 3D forms
- CUADES304 Source and apply design industry knowledge
- CUADES305 Source and apply information on the history and theory of design
- CUADIG303 Produce and prepare photo images
- CUADIG311 Prepare video assets
- CUADIG315 Produce digital images
- CUAFOH311 Provide seating and ticketing services
- CUAFOH312 Monitor entry to venues
- CUAIND311 Work effectively in the creative arts industry
- CUAIND313 Work effectively in the music industry
- CUAIND314 Plan a career in the creative arts industry
- CUALGT311 Operate basic lighting
- CUALGT312 Repair and maintain lighting equipment
- CUALGT313 Install and test lighting equipment
- CUALGT314 Install and operate follow spots
- CUALGT315 Operate floor electrics
- CUAMKG311 Assist with marketing and promotion
- CUAMLT302 Apply knowledge of style and genre to music industry practice
- CUAMPF311 Develop technical skills for musical performances
- CUAMPF314 Make music demos
- CUAMWB403 Prepare to work with confronting material and processes in the creative industries
- CUAPPM311 Assist with conceiving and preparing performance spaces
- CUAPPR314 Participate in collaborative creative projects
- CUAPRP311 Repair, maintain and alter props
- CUARES412 Conduct research
- CUASCE301 Paint scenic art elements
- CUASET311 Construct soft scenery
- CUASET312 Assemble and maintain sets
- CUASFX301 Maintain and repair special effects items
- CUASMT311 Work effectively backstage during performances
- CUASOU302 Compile and replay audio material
- CUASOU303 Repair and maintain audio equipment

- CUASOU304 Prepare audio assets
- CUASOU306 Operate sound reinforcement systems
- CUASOU308 Install and disassemble audio equipment
- CUASOU331 Undertake live audio operations
- CUASTA311 Assist with production operations for live performances
- CUASTA312 Install staging elements
- CUASTA313 Operate staging elements
- CUASTA314 Maintain physical production elements
- CUAVSS311 Install and test vision systems
- CUAVSS313 Repair and maintain vision system equipment
- CUAWHS312 Apply work health and safety practices
- CUAWOR301 Document equipment installation requirements
- HLTAID011 Provide first aid
- ICTICT316 Implement new technology
- ICTICT312 Use advanced features of applications
- ICTNWK311 Install and test network protocols
- MEM05001 Perform manual soldering/desoldering – electrical/electronic components*
- MEM05012 Perform routine manual metal arc welding*
- MEM05050 Perform routine gas metal arc welding*
- MEM09002 Interpret technical drawing*
- MEM09009 Create 2-D drawings using computer aided design system*
- MEM12024 Perform computations*
- MEM16008 Interact with computing technology*
- MSS014016 Evaluate sustainability impact from a work area or process
- MSTAT3001 Produce technical drawings of garments
- MSTTF3009 Create drawings for manufactured textile products
- RIIWHS204E Work safely at heights
- SIRXSL001 Sell to the retail customer
- SITHFAB021 Provide responsible service of alcohol
- SITXCCS012 Provide lost and found services
- SITXCCS014 Provide service to customers
- TAEDEL311 Provide work skill instruction

- TLILIC0003 Licence to operate a forklift truck
- TLILIC0005 Licence to operate a boom-type elevating work platform (boom length 11 meters or more)
- TLILIC2014 Licence to drive light rigid vehicle

Specialisations

The achievement of a specialisation will be identified on testamurs as follows:

- CUA40425 Certificate IV in Live Production and Technical Services (Sound)
- CUA40425 Certificate IV in Live Production and Technical Services (Vision)
- CUA40425 Certificate IV in Live Production and Technical Services (Costume)
- CUA40425 Certificate IV in Live Production and Technical Services (Lighting)
- CUA40425 Certificate IV in Live Production and Technical Services (Scenery and Props)
- CUA40425 Certificate IV in Live Production and Technical Services (Live Production Management)
- CUA40425 Certificate IV in Live Production and Technical Services (Stage Management)
- CUA40425 Certificate IV in Live Production and Technical Services (Staging)

Packaging rules to achieve a specialisation

Sound

- 5 Group B electives must be selected, and must include CUASOU421 Mix audio for live productions, CUASOU412 Manage audio input sources, and CUASOU413 Manage audio system control networks.

Vision

- 5 Group B electives must be selected, and must include CUAVSS312 Operate vision systems and CUAVSS401 Operate complex vision systems.

Costume

- 5 Group B electives must be selected, and must include CUACOS411 Make costumes for dance and physical theatre, CUACOS412 Make costume accessories, and CUACOS413 Develop expertise in costume component construction.

Lighting

- 5 Group B electives must be selected, and must include CUALGT411 Operate complex lighting, CUALGT412 Implement lighting designs, and CUALGT413 Set up and operate lighting cues and effects.

Scenery and Props

- 5 Group B electives must be selected, and must include CUAPRP411 Coordinate props, CUAPRP412 Use casting and moulding techniques to make props,

CUAPRP413 Make props using mixed media, and CUASCE411 Create special effects for scenic art.

Live Production Management

- 5 Group B electives must be selected, and must include CUAPPM432 Coordinate production operations, CUAPPM433 Coordinate touring arrangements, CUAPPM431 Compile production schedules.

Stage Management

- 5 Group B electives must be selected, and must include CUASMT412 Assist in stage managing rehearsals and CUASMT413 Develop and implement production work plans.

Staging

- 5 Group B electives must be selected, and must include RIIWHS204E Work safely at heights, CUASTA412 Install and uninstall specialist staging equipment, and CUASTA413 Operate flying systems.

Pre-requisite Requirements

Unit of competency	Prerequisite requirement
UEERL0001 Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply	UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
CPCCPD3028 Apply decorative paint finishes	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
UEERL0003 Conduct in-service safety testing of electrical cord connected equipment and cord assemblies	UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
CUASTA414 Undertake arena rigging activities	CPCCWHS1001 Prepare to work safely in the construction industry CUAWHS313 Apply work health and safety practices in a live production environment RIIWHS204E Work safely at heights

	CPCCLRG3002 Licence to perform rigging intermediate level
CPCCPD3021 Prepare existing coated surface for painting	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCCVE1011 Undertake a basic construction project	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCCCA2011 Handle carpentry materials	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CUAANM411 Create advanced 3D digital models	CUAANM313 Create 3D digital models
CPCCLRG4001 Licence to perform rigging advanced level	CPCCLRG3002 Licence to perform rigging intermediate level
CUASTA412 Install and uninstall specialist staging equipment	CPCCWHS1001 Prepare to work safely in the construction industry CUAWHS313 Apply work health and safety practices in a live production environment RIIWHS204E Work safely at heights
CPCCPD2012 Use painting and decorating tools and equipment	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCCJN3100 Process materials to produce components using static machines	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

MEM16008 Interact with computing technology	<p>MEM16006 Organise and communicate information</p> <p>MEM13015 Work safely and effectively in manufacturing and engineering</p>
MEM05001 Perform manual soldering/desoldering - electrical/electronic components	<p>MEM16006 Organise and communicate information</p> <p>MEM13015 Work safely and effectively in manufacturing and engineering</p> <p>MEM11011 Undertake manual handling</p>
MEM05050 Perform routine gas metal arc welding	<p>MEM16006 Organise and communicate information</p> <p>MEM13015 Work safely and effectively in manufacturing and engineering</p> <p>MEM11011 Undertake manual handling</p>
MEM12024 Perform computations	<p>MEM16006 Organise and communicate information</p> <p>MEM13015 Work safely and effectively in manufacturing and engineering</p>
MSTAT4008 Create standard-size garment patterns from existing blocks	MSTAT3002 Interpret patterns and apply pattern information
CPCCPD3023 Apply texture coat paint finishes by brush, roller and spray	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCCPD3024 Apply paint by spray	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

CPCCLRG3001 Licence to perform rigging basic level	CPCCLDG3001 Licence to perform dogging
CPCCOM2001 Read and interpret plans and specifications	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
MEM09002 Interpret technical drawing	<p>MEM16006 Organise and communicate information</p> <p>MEM12024 Perform computations</p> <p>MEM13015 Work safely and effectively in manufacturing and engineering</p> <p>MEM12023 Perform engineering measurements</p>
MSTAT4010 Create garment patterns for individual sizes from blocks	MSTAT3002 Interpret patterns and apply pattern information
MEM05012 Perform routine manual metal arc welding	<p>MEM16006 Organise and communicate information</p> <p>MEM13015 Work safely and effectively in manufacturing and engineering</p> <p>MEM11011 Undertake manual handling</p>
MEM09009 Create 2-D drawings using computer-aided design system	<p>MEM16006 Organise and communicate information</p> <p>MEM12024 Perform computations</p> <p>MEM13015 Work safely and effectively in manufacturing and engineering</p> <p>MEM16008 Interact with computing technology</p>

	MEM12023 Perform engineering measurements MEM09002 Interpret technical drawing
CPCCA2002 Use carpentry tools and equipment	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCCSC2002 Erect and dismantle basic scaffolding	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCCLRG3002 Licence to perform rigging intermediate level	CPCCLRG3001 Licence to perform rigging basic level

Qualification Mapping Information

Current Code and Title	Previous Code and Title	Comments	Equivalence
CUA40425 Certificate IV in Live Production and Technical Services	CUA40420 Certificate IV in Live Production and Technical Services	All superseded imported units have been replaced with the most current unit. Replaced units include some which form part of a specialisation within the qualification, but have been identified as non-equivalent by the relevant JSC.	Not-Equivalent

Links

Companion volumes, including implementation guides, are found on the national training register - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5>.